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channel list (see Step 2). If it is, then control passes, in accordance with an aspect of this invention, to Step 10b. If the current channel is not the last channel in the channel list, then the mobile station 10 tunes to the next strongest channel in the channel list and control transfers back to Step 4.

In the Claims:

Cancel the originally filed claims 1-20 without prejudice or disclaimer.

Add the following new claims:

21. (New) A mobile station, comprising:

a radio frequency (RF) transceiver;

a memory storing a list of entries, individual ones of said entries corresponding to a frequency band comprising at least one frequency channel; and

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a controller, bidirectionally coupled to said memory and to said RF transceiver, and operating in response to a search procedure being invoked to locate a desired Non-Public wireless communication system, specifically one of a Residential wireless communication system or a Private wireless communication system, for accessing said memory to obtain a first entry of said list so as to determine a first frequency band to be searched for said desired one of said Residential wireless communication system or said Private wireless communication system, said controller being programmed to execute, using said RF transceiver, a search procedure in said first frequency band being searched in an attempt to locate a control channel of said desired one of said Residential wireless communication system or said Private wireless communication system and, if said control channel of said desired one of said Residential wireless communication system or said Private wireless communication system is not located within said first frequency band being searched, for accessing said memory to obtain a next entry in said list to determine a next frequency band to be searched for said desired one of said Residential wireless communication system or said Private wireless communication system, said controller continuing to search in this manner until either all of said entries of said list have been obtained from said memory or until said control channel of said desired one of said Residential wireless

communication system or said Private wireless communication system is located.

22. (New) A mobile station as in claim 21, wherein one said entries of said list comprises an identity of a frequency band wherein an acceptable control channel was last located.

23. (New) A mobile station as in claim 21, wherein at least one frequency band is an 800 MHz frequency band.

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24. (New) A mobile station as in claim 21, wherein at least one frequency band is a 1900 MHz frequency band.

25. (New) A mobile station as in claim 21, wherein said controller is responsive to an input for accessing said memory to modify said list of entries.

26. (New) A mobile station as in claim 21, wherein said controller is responsive to an input for accessing said memory to add an entry to said list.

27. (New) A mobile station as in claim 21, wherein said controller is responsive to an input for accessing said memory to delete an entry from said list.

28. (New) A mobile station as in claim 21, wherein said controller is responsive to an input for accessing said memory to re-order entries in said list.

29. (New) A mobile station as in claim 25, wherein said mobile station is further comprised of a user interface, and wherein said controller receives said input from said user interface.

30. (New) A mobile station as in claim 25, wherein said controller receives said input through said RF transceiver.

31. (New) A mobile station as in claim 21, wherein said controller is responsive to information received from a service provider through said RF transceiver for modifying said list of entries in said memory.

32. (New) A mobile station as in claim 21, wherein information received

through said RF transceiver is stored in said memory for re-ordering said list of entries.

33. (New) A mobile station, comprising:

a radio frequency (RF) transceiver;

a memory storing information that is descriptive of all possible frequency bands that the mobile station is capable of operating with, each frequency band comprising at least one frequency channel; and

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a controller, bidirectionally coupled to said memory and to said RF transceiver, and operating in response to a search procedure being invoked to locate a desired Non-Public wireless communication system, specifically one of a Residential wireless communication system or a Private wireless communication system, for accessing said memory to obtain a first frequency band to be searched for said desired one of said Residential wireless communication system or said Private wireless communication system, said controller being programmed to execute, using said RF transceiver, a search procedure in said first frequency band being searched in an attempt to locate a control channel of said desired one of said Residential wireless communication system or said Private wireless communication system and, if said control channel of said desired one of said Residential wireless communication system or said Private wireless communication system is not located within said first frequency band being searched, for accessing said memory to obtain another frequency band to be searched for said desired one of said Residential wireless communication system or said Private wireless communication system, said controller continuing to search in this manner until all of the frequency bands that the mobile station is capable of operating with have been searched or until said desired one of said Residential wireless communication system or said Private wireless communication system is located.

34. (New) A mobile station as in claim 33, wherein said memory stores an identity of a frequency band wherein an acceptable control channel was last located.

35. (New) A mobile station as in claim 33, wherein at least one frequency band is an 800 MHz frequency band.